

# HuMAb Binding to Hematopoietic cell lines

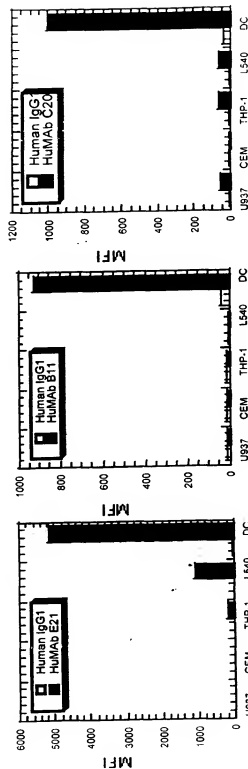


FIGURE 1

## HuMAb Binding to dendritic cells

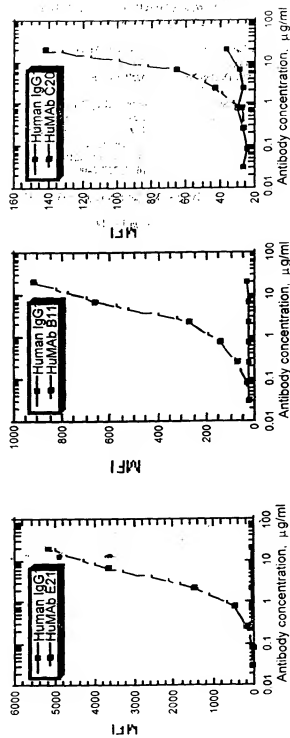
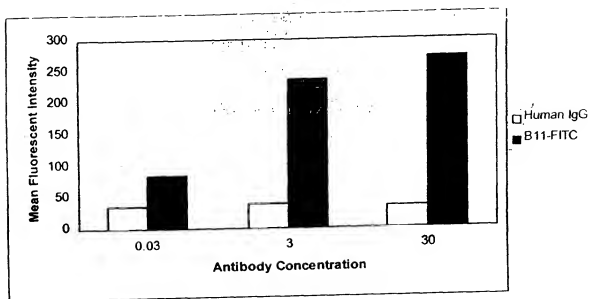


FIGURE 2



**FIGURE 3**

Macrophages

Dendritic Cells

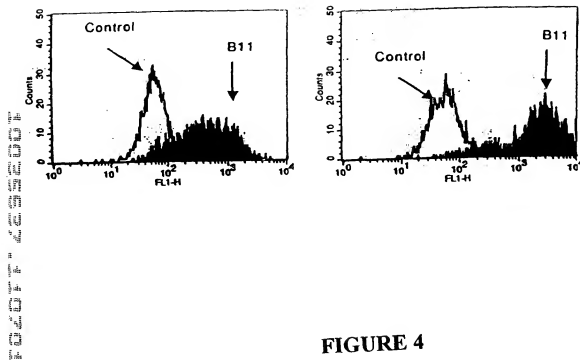
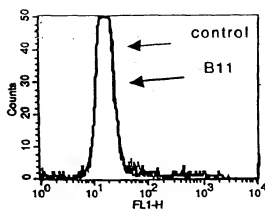


FIGURE 4

THP-1 Cells



THP-1 Cells Cultured  
with GM-CSF and IL-4

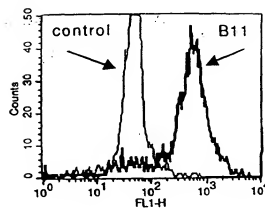
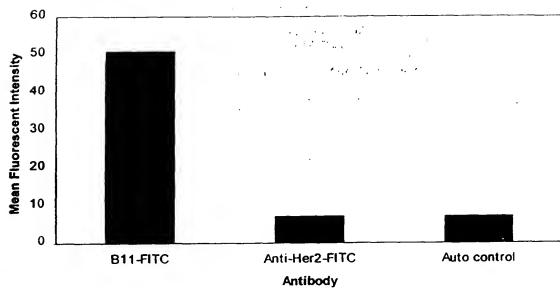
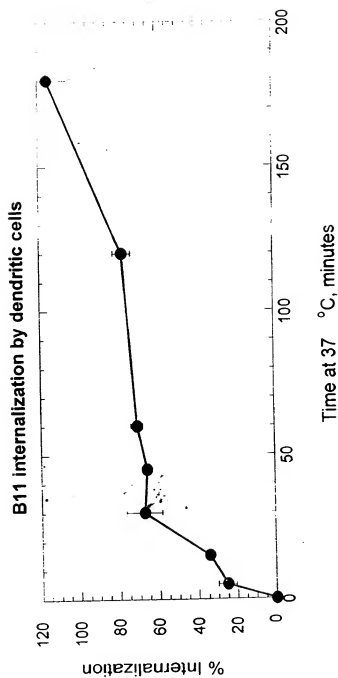


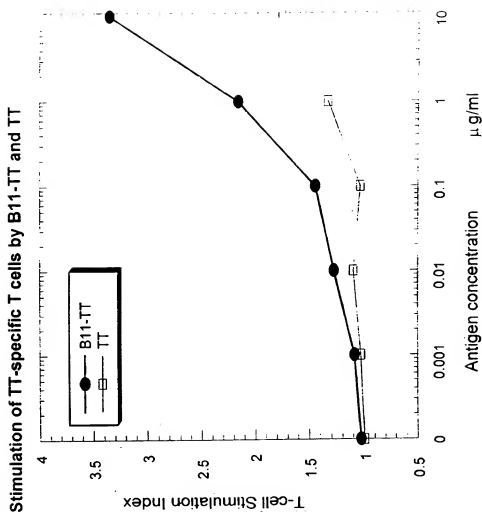
FIGURE 5



**FIGURE 6**



**FIGURE 7**



**FIGURE 8**



B11-ScFv construct map:

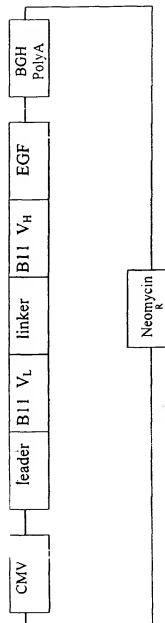
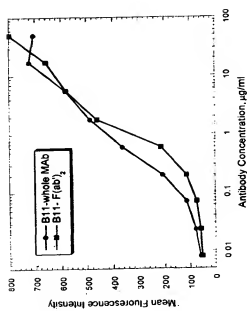


FIGURE 9



**FIGURE 10**

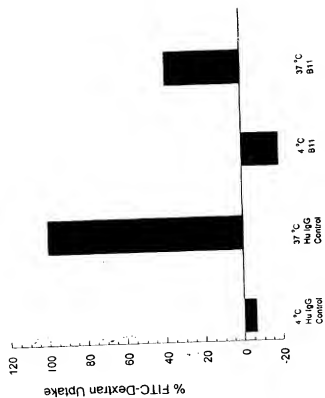


FIGURE 11

Enhanced antigen processing and presentation with B11-targeting

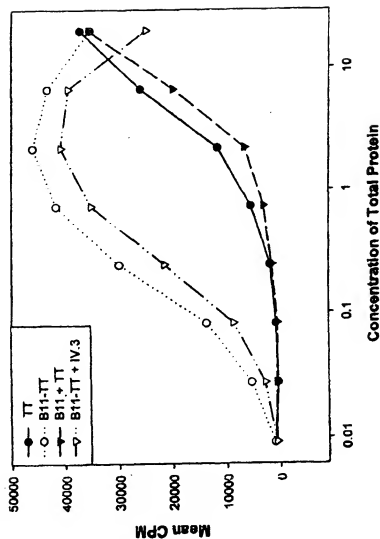


FIGURE 12

**B11 HuMAb sequence data:**

**B11 VL DNA:**

GACATCCAGATGACCCAGTCTCCAFCCTCACTGTCTGCATCTGTAGGAGACA  
GAGTCACCATCACTTGTGCGGCGAGTCA  
GGGTATTAGCAGGTGGTTAGCCTGGTATCAGCAGAAACCAGAGAAAGCCCCCT  
AAGTCCCTGATCTATGCTGCATCCAGTT  
TGCAAAGTGGGGTCCCCATCAAGGTTCAAGCGGCAGTGGATCTGGGACAGATT  
CACTCTCACCATCAGCGGCTGCAGCCT  
GAAGATTTTGCAACTTATTACTGCCAACAGTATAATAGTTACCCCTCGGACGTT  
CGGCCAAGGGACCAAGGTGGAAATCAA  
A

**B11 VL protein:**

DIQMTQSPSSLSASVGDRTVITCRASQGISRWLAWYQQKPEKAPKSLIYAASSLQ  
SGVPSRFSGSGSGTDFTLTISGLQP  
EDFATYYCQYNSYPRTFGQGTKVEIK

**B11 VH DNA:**

GAGGTGCAGCTGGTGCAGTCTGGAGCAGAGGTGAAAAAGCCCGGGGAGTCT  
CTGAGGATCTCCTGTAAGGGTTCGGAGA  
CAGTTTTACCACCTACTGGATCGGCTGGGTGCGCCAGATGCCCGGGAAGGC  
CTGGAGTGGATGGGGATCATCTATCCTG  
GTGACTCTGATACCATATACAGCCCGTCTTCCAAGGCCAGGTCACCATCTCA  
GCCGACAAGTCCATCAGCACCGCCTAC  
CTGCAGTGGAGCAGCCTGAAGGCCTCGGACACCGCCATGTATTACTGTACGA  
GAGGGGACCGGGCGTTGACTACTGGGG  
CCAGGGAACCTGGTCACCGTCTCCTCA

**B11 VH protein:**

EVQLVQSGAEVKKPGESLRISCKGSGDSFTTYWIGWVRQMPGKGLEWMGIIYPG  
DSDTIYSPFQGVTTISADKSISTAY  
LQWSSLKASDTAMYYCTRGDRGV<sup>D</sup>YWGQGLTVTVSS

**FIGURE 13**

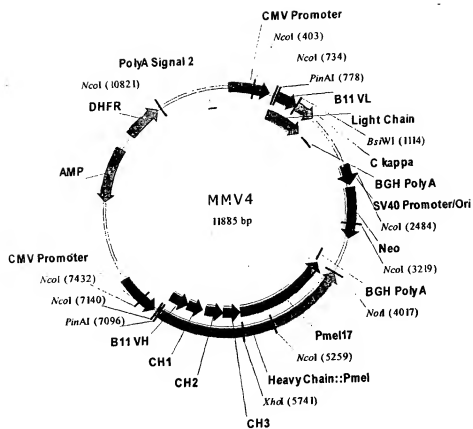


FIGURE 14